

CLAIMS

1. A secondary screen for a concrete pump, comprising:

(a) means for preventing the passage of an object that includes a dimension larger than that of an opening size of said secondary screen through said secondary screen; and

(b) disposing said means for preventing the passage of an object a predetermined distance above a hopper of said concrete pump.

2. The secondary screen of claim 1 wherein said means for retaining an object is hingedly attached at a first end thereof to an upraised portion of said trailerable line-pump and including means for urging a second end of said means for retaining an object toward said hopper at an end of said hopper that is disposed away from said upraised portion of said trailerable line pump.

3. The secondary screen of claim 2 including a pair of loops attached to said upraised portion of said trailerable line

pump and to said secondary screen about which said secondary screen is adapted to pivot and wherein said means for urging is adapted to permit a pivoting of said secondary screen about an axis passing through said pair of loops.

4. The secondary screen of claim 3 wherein said secondary screen is disposed above a grate that is attached proximate to said hopper and wherein said secondary screen includes a planar member and wherein said planar member includes an opening size that is smaller than an opening size of said grate.

5. The secondary screen of claim 4 wherein said planar member is disposed at a greater angle with respect to a level plane of the earth than is said grate and wherein the highest portion of said planar member is disposed proximate said upraised portion of said trailerable line pump.

6. The secondary screen of claim 4 wherein said planar member includes a first upraised side attached to said planar member at a first end of said planar member and wherein said planar member includes a second upraised side

attached to said planar member at an end of said planar member that is opposite with respect to said first end.

7. The secondary screen of claim 2 wherein said means for urging a second end of said means for retaining an object toward said hopper includes elastomeric means.

8. A secondary screen for a concrete pump, comprising:

(a) wherein said secondary screen is adapted to prevent the passage of an object through said secondary screen that includes a dimension larger than that of an opening size of said secondary screen;

(b) wherein said secondary screen is adapted to be disposed a predetermined distance above a grate, said grate adapted to be disposed over a hopper of said concrete pump;

(c) and wherein said secondary screen includes a planar member having a first end and an opposite second end and a pair of first and second oppositely disposed upstanding sides wherein said first upstanding side is

attached to said first end of said planar member and wherein said first upstanding side is hingedly attached to an upraised portion of said trailerable line-pump, and wherein said secondary screen includes means for applying a force sufficient to urge said second end of said planar member toward said hopper at an end of said hopper that is disposed distally from said upraised portion of said trailerable line pump and wherein said first end of said planar member is disposed above said second end of said planar member;

(d) and wherein said planar member is disposed at a steeper angle with respect to a level plane of the earth than is said grate and wherein the highest portion of said planar member is disposed proximate said upraised portion of said trailerable line pump.

9. The secondary screen of claim 8 wherein said planar member includes a trapezoidal shape and wherein said trapezoidal shape includes two parallel legs and wherein one of said two parallel legs is longer than a remaining leg and wherein said longer parallel leg is disposed at a higher elevation than is said lower leg.

10. The secondary screen of claim 8 wherein said means for applying a force sufficient to urge said second end of said planar member toward said hopper includes an elastomer.